2011 CRAFTSMAN®

Garage Door Openers and
Accessories Reference Guide

Sears

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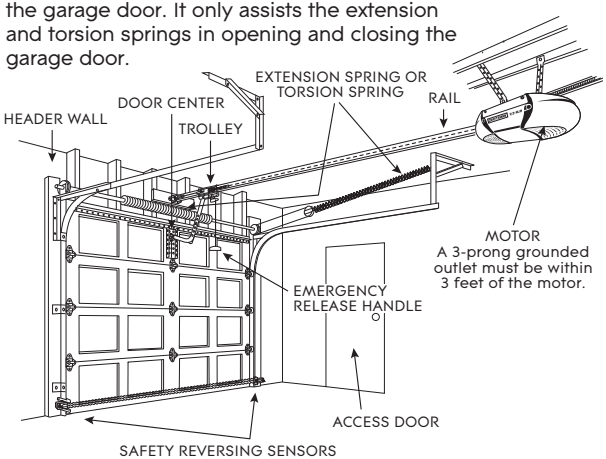
WHAT YOU SHOULD KNOW ABOUT A GARAGE DOOR OPENER

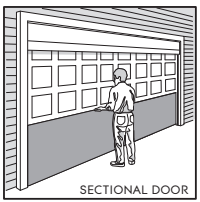
How it works

A garage door opener (GDO) doesn't actually lift the garage door. It only assists the extension and torsion springs in opening and closing the garage door.



A garage door opener is an extension of you, the homeowner, and takes your place in lifting (opening) and lowering (closing) the door. The work is now accomplished by the opener. A simple push of the remote control or control panel button starts the process. A garage door opener can be installed on any residential garage door. Installation will depend on the type of door you have.

Doors need to be well-balanced and maintained for optimum safety and efficiency.



WHY EVERYONE SHOULD HAVE A GARAGE DOOR OPENER

Convenience

Garage door openers are no longer a luxury item. Common in most houses today, the garage door opener welcomes people home and keeps them from having to lift their garage door by hand.

Safety

All Craftsman® Garage Door Openers have 2 built-in safety features:

Automatic Safety Reversing Sensors
Required by Federal Law, an infrared device mounts inside the garage on each side of the garage door opening. These sensors send an invisible beam to each other constantly. If anything or anyone breaks this beam, the door automatically reverses before making contact with the object.

Contact Reversal
If the Safety Reversing Sensors are not obstructed and an object is in the path of the door, the opener will automatically reverse after making contact with the object.

Security

Once the garage door is completely closed, it is securely locked and cannot be forced open. Models with Security+® Remote Controls also provide the highest level of code protection available to keep your home, family and valuables safe.

Reliability

Craftsman® Garage Door Openers are designed to provide years of dependable service. Sears also offers a full 1-year labor satisfaction warranty as well as a specific motor warranty on each model.

WHY BUY A CRAFTSMAN® GARAGE DOOR OPENER

Craftsman® is the Number One Selling North American Retail Brand of Garage Door Openers!

Here's Why...

- **Exclusive Models**
- **Rail Systems**
- **Important Safety Features**
- **Performance Enhancement Features**
- **Advanced Remote Controls**
- **Convenient Accessories**
- **HomeLink® Compatible**
- **Designed for Easy Installation or Sears Professional Installation**
- **Hassle-Free Warranty Coverage**
- **Extended Coverage with a Sears Protection Agreement**

SELECTING THE RIGHT MODEL

To help each customer choose the best garage door opener, start by asking these questions:

Are you replacing a garage door opener or is this a brand-new installation?

Research has shown that new customers often look for models based on performance with few added accessories.

Experienced consumers will often find value in models with accessories that provide additional safety and convenience.

What type of garage door do you have? One-piece or sectional?

Our openers will work with either.

Do you have a room over the garage? Is noise an issue?

Belt drive openers are designed for ultra-quiet operation.

How important is security to you?

Security+® models offer greatest protection.

Is the garage attached to or detached from the home?

Customers with detached garages often request more security features.

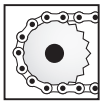
If there is no access door, customers should consider an emergency key release (sold separately) in case of power failure.

How many people will need to access the garage? Spouse, children, neighbors, family members?

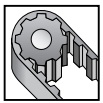
Different accessories are designed for different access needs including the Keyless Entry Pad and additional remote controls.

IMPORTANT FEATURES

Drive Systems



Chain
Rugged and reliable, chain drive models are the most popular selling models.



Belt
The quietest type of opener available, these models feature a high-performance, steel-reinforced polyurethane drive belt.

Motor

1/2 HP - Powerful enough to lift residential garage doors up to 10' high (with extension kit).

3/4 HP - Opens garage doors faster than any other chain drive model available. Powerful enough for today's heavy wood garage doors.

Rail Systems

Structural Steel Rail (SSR) and Trolley System

- Featured on belt and chain drive openers
- Quick snap together rail makes installation faster
- Black powder paint finish provides scratch resistance and smoother operation
- Trolley features wear pads for smooth, quiet operation

Lights

Models with one or two lights with 100-watt light bulbs (not included) are available. High-end models with two 100-watt bulbs can deliver as much as 33% more light for added safety and convenience.

Opener lights will turn on automatically for 4-1/2 minutes whenever the opener is activated. Models with Security+® include a safety light feature that also turns the opener lights on when anything breaks the invisible beam of the Safety Reversing Sensors. This only occurs when the door is in the open position and the opener light is turned off.

MVIS®
Available on select models, the Motor Vibration Isolation System is designed to eliminate powerhead vibration, substantially reducing the overall noise of the opener.

Safety Reversing Sensors and Contact Reversal
Standard on all models, the door will automatically reverse if anything breaks the invisible safety beam or if the door comes into contact with any object. (For more information, see page 4)

Emergency Release Handle
Standard on all models, it allows you to open the garage door during power outages.

Warranty
6 and 10-year motor warranties are available depending on the model, along with the Sears 1-year labour warranty. Belt drive models feature a lifetime warranty on the belt.

Accessories
All models include various accessories for added safety, security and convenience. (For detailed descriptions, see pages 22-27.)

REMOTE CONTROL TERMINOLOGY EXPLAINED

DIP Switch
Used in older garage door openers, codes were set by matching all DIP switches on the back of the remote to the DIP switches on the motor back panel.

Billion Code
Remote controls are pre-programmed at the factory with one of 3.5 billion different codes to eliminate code duplication.

Security+® Rolling Code
Just like the name implies, every time the remote control is activated, the code rolls forward to the next new code. There are 100-billion rolling codes, never to be repeated or duplicated.

Important Safety Information
A "code grabber" is a device that thieves use to steal your remote control code. With your code, they can enter your garage and potentially your home, if your garage is attached. Remote controls with Security+® Rolling Code Technology are designed to access a different code every time to defeat these "code grabbers" and keep your family safer and more secure.

Model#	18452	18453	18458	18473	18570	18455	18477	18489	18405
Drive System	Chain	Chain	Chain	Chain	Chain	Chain	Belt	Belt	Belt
Motor HP	1/2	1/2	1/2	1/2	1/2	3/4	1/2	3/4	DC
Limited Warranty	6-Year Motor	6-Year Motor	6-Year Motor	6-Year Motor	6-Year Motor	10-Year Motor	10-Year Motor and Lifetime Belt	10-Year Motor and Lifetime Belt	10-Year Motor and Lifetime Belt
MVIS®						•	•	•	•
Security+®	•	•	•	•	•	•	•	•	•
Wall Control	Standard Control Console	Standard Control Console	Premium Control Console	Standard Control Console	Premium Control Console	Premium Control Console	Premium Control Console	Motion-Detecting Control Console	Smart Motion-Detecting Control Console
Remote Control(s)	(2) 1-Function	(2) 3-Function	(2) 3-Function	(2) 3-Function	(2) 3-Function	(2) 3-Function	(2) 3-Function	(2) 3-Function	(2) 3-Function
Wireless Keyless Entry Pad					•		•	•	•
Garage Door Monitor				•				•	
Lights (Not Included)	(1) 100-Watt Bulb	(1) 100-Watt Bulb	(2) 100-Watt Bulbs	(1) 100-Watt Bulb	(2) 100-Watt Bulbs	(2) 100-Watt Bulbs	(2) 100-Watt Bulbs	(2) 100-Watt Bulbs	(2) 100-Watt Bulbs
Safety Sensors	•	•	•	•	•	•	•	•	•
Auto-Reverse	•	•	•	•	•	•	•	•	•
Emergency Release Handle	•	•	•	•	•	•	•	•	•
Laser Garage Parking Assist						•			
Surge Protector					•				
8-ft. Extension Rail							•		

2011 CRAFTSMAN®

Garage Door Openers

1/2 HP CHAIN DRIVE

Rugged and reliable

25% brighter light with one 100-watt light bulb (not included)

- Security+® anti-burglary coding
- Infrared safety sensors
- 6-year motor warranty
- Extension kit for 8' doors - 18828
- Extension kit for 10' doors - 18840

Includes:

Two single-function remote controls

Standard control console

MODEL 18453

1/2 HP CHAIN DRIVE
Rugged and reliable
25% brighter light with one
100-watt light bulb (not included)

- Security+® anti-burglary coding
- Infrared safety sensors
- 6-year motor warranty
- Extension kit for 8' doors - 18828
- Extension kit for 10' doors - 18840

Includes:

Two 3-function remote controls

Standard control console

MODEL 18458

1/2 HP CHAIN DRIVE
Rugged and reliable
33% brighter light with two
100-watt light bulbs (not included)

- Security+® anti-burglary coding
- Infrared safety sensors
- 6-year motor warranty
- Extension kit for 8' doors - 18828
- Extension kit for 10' doors - 18840

Includes:

Two 3-function remote controls

Premium control console

SEARS More Value

MODEL 18473

1/2 HP CHAIN DRIVE

Rugged and reliable

25% brighter light with one 100-watt light bulb (not included)

- Security+® anti-burglary coding
- Infrared safety sensors
- 6-year motor warranty
- Extension kit for 8' doors - 18828
- Extension kit for 10' doors - 18840

Includes:

Two 3-function remote controls

Standard control console

Garage door monitor

MODEL 18570

1/2 HP CHAIN DRIVE

Rugged and reliable

33% brighter light with two 100-watt light bulbs (not included)

- Security+® anti-burglary coding
- Infrared safety sensors
- 6-year motor warranty
- Extension kit for 8' doors - 18828
- Extension kit for 10' doors - 18840
- 20% faster than other Craftsman® 1/2 HP chain drive models

Includes:

Two 3-function remote controls

Premium control console

Wireless keyless entry pad

Surge protector

MODEL 18455

3/4 HP CHAIN DRIVE

Rugged and reliable

33% brighter light with two 100-watt light bulbs (not included)

- Motor Vibration Isolation System – MVIS®
- Security+® anti-burglary coding
- Infrared safety sensors
- 10-year motor warranty
- Extension kit for 8' doors -18828
- Extension kit for 10' doors -18840
- 20% faster than other Craftsman® 1/2 HP chain drive models

Includes:

Two 3-function remote controls

Premium control console

Laser garage parking assist

SEARS Best Value

MODEL 18477

1/2 HP BELT DRIVE

Strong and dependable

33% brighter light with two 100-watt light bulbs (not included)

- Motor Vibration Isolation System – MVIS®
- Security+® anti-burglary coding
- Infrared safety sensors
- 10-year motor warranty
- Lifetime belt warranty
- Extension kit for 10' doors -18870

Includes:

Two 3-function remote controls

Premium control console

Wireless keyless entry pad

8-ft. extension rail

MODEL 18489

3/4 HP BELT DRIVE

Strong and dependable

33% brighter light with two
100-watt light bulbs (not included)

- Motor Vibration Isolation System – MVIS®
- Security+® anti-burglary coding
- Infrared safety sensors
- 10-year motor warranty
- Lifetime belt warranty
- Extension kit for 8' doors - 18867
- Extension kit for 10' doors - 18870

Includes:

Two 3-function remote controls

Motion-detecting control console

Wireless keyless entry pad

Garage door monitor

MODEL 18405

DC BELT DRIVE
w/DieHard® battery back-up inside

33% brighter light with two
100-watt light bulbs (not included)

Strong and dependable

- Patented steel-reinforced polyurethane belt
- Structural steel rail and chassis
- 10-year motor warranty
- Lifetime belt warranty
- Extension kit for 8' doors - 18828
- Extension kit for 10' doors - 18840

Includes:

Two 3-function remote controls

Smart motion-detecting control console

Wireless keyless entry pad

CRAFTSMAN® 315 MHz ACCESSORIES

Security+® 315 MHz Accessories

Compatible with all 315 MHz Security+® Rolling Code Garage Door Openers and Accessories updated with the Universal Radio Control Conversion Kit. (For a description of Security+® Rolling Code Technology, see page 9)

18796
Security+® Universal Radio Control Conversion Kit

Converts any brand of garage door opener to rolling code technology. Includes 3-function remote control and plug-in receiver.

SECURITY+® UNIVERSAL RADIO CONTROL CONVERSION KIT–18796

Operates All Craftsman®, Genie®, Stanley® and Most Other Garage Door Openers

When the receiver is installed, with every push of the button your Security+® remote control transmits a brand-new security code, one of over 100-billion codes, never to be repeated. The Security+® remote control operates on one 3-volt lithium battery, installed.

Has 3 Push Buttons

Allows you to operate most garage door openers (up to 3) and/or optional Craftsman® lighting accessories.

18192
3-Function Compact Security+® Remote Control

Operates up to three garage doors. Ideal for pocket, purse or keychain. (315 MHz) Range – 75 ft. maximum.
(Black button remote)

18191
3-Function Security+® Remote Control

Operates up to three garage doors. (315 MHz) Range – 75 ft. maximum.
(Black button remote)

18195
Security+® Wireless Keyless Entry Pad

Allows garage access without a remote control or key. Lets you set your own 4-digit entry code or temporary code to allow access to neighbors and family members. Keypad with hinged cover mounts to garage door frame. Cover will indicate 315 MHz. Battery operated.

CRAFTSMAN® ACCESSORIES

Security+® Accessories

Compatible with all Security+® Rolling Code Garage Door Openers and light controls. (For a description of Security+® Rolling Code Technology, see page 9)

18792
3-Function Compact Security+® Remote Control

Operates up to three garage doors. Ideal for pocket, purse or keychain. (390 MHz) Range – 75 ft. maximum.
(Blue button remote)

18791
3-Function Security+® Remote Control

Operates up to three garage doors. (390 MHz) Range – 75 ft. maximum.
(Blue button remote)

18795
Security+® Wireless Keyless Entry Pad

Allows garage access without a remote control or key. Lets you set your own 4-digit entry code or temporary code to allow access to neighbors and family members. Keypad with hinged cover mounts to garage door frame. Battery operated. (390 MHz)

UNIVERSAL ACCESSORIES

18732
Clicker® Universal Remote Control

Replaces a lost or broken remote control, or complements your existing garage access system. It is designed to work with a variety of brands of garage door openers to give you convenient, secure access to your garage and home. Operate two different garage door manufacturers and/or frequencies at the same time. A single coin cell battery is included.

18733
Clicker® Universal Wireless Keyless Entry System

Designed to work with a variety of brands of garage door openers to give you convenient, secure access to your garage and home. It's completely wireless - powered by one, 9-volt battery (included), with a backlit keypad that makes the numbers easy to see, even in the dark. Easy to program and weatherproof.

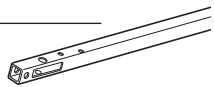
UNIVERSAL HARDWARE/ACCESSORIES

18745
Garage Door Monitor
Provides added peace of mind by letting you know if the garage door is open or closed from any room in the house. Sensor mounted on the garage door sends a signal to the receiver inside. A flashing red light on the receiver shows the door is open, a glowing green light indicates the door is closed. Range – 300 ft. maximum.

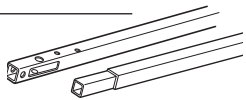
18752
Emergency Key Release
Designed for garages without a separate entry door. Allows you to open garage door from the outside in case of power failure.

EXTENSION KITS
Chain and belt drive kits

18828 (Chain Drive)
18867 (Belt Drive)
8' Extension Kit
Allows openers to handle a garage door up to 8' high. Includes front section of an SSR rail.
18828: New chain/cable is used, replacing original from GDO carton. **18867:** New belt is used, replacing original from GDO carton.



18840 (Chain Drive)
18870 (Belt Drive)
10' Extension Kit
Allows openers to handle a garage door up to 10' high. Replaces header section.
18840: New chain/cable is used, replacing original from GDO carton.
18870: New belt is used, replacing original from GDO carton.



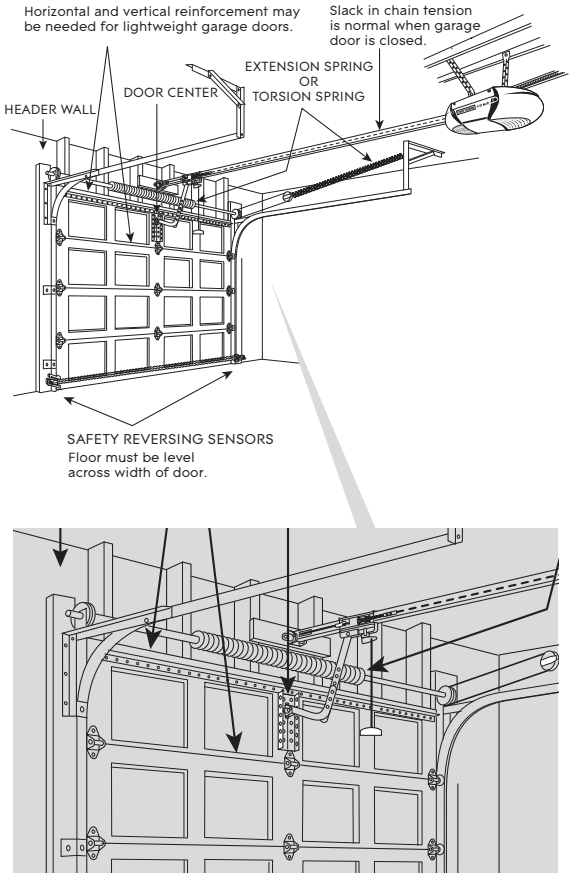
CONTROL CONSOLES
Not Sold Separately

Smart Motion-Detecting Control Console
"Senses" your presence and turns opener lights on, hands free! Display indicates time, temperature and system diagnostic messages such as if system is on battery power and if safety reversing sensors are misaligned. Large control button opens/closes garage door. Lock button blocks out remote control signals for extra security.
Included with 18405

Premium Control Console
Replaces standard door control or doorbell push button. Illuminated push button helps you find the control even in the dark. Also operates opener lights and locks out all outside radio signals while you're away.
Included with 18455, 18458, 18477, 18570

Motion-Detecting Control Console
Replaces standard door control or doorbell push button. Infrared sensor turns opener lights on automatically as you enter the garage. Also includes an illuminated push button and locks out all outside radio signals while you're away.
Included with 18489

INSTALLATION

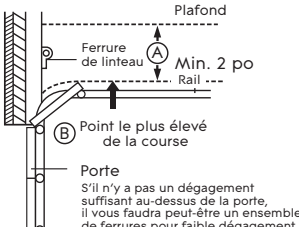

Horizontal and vertical reinforcement may be needed for lightweight garage doors.
Slack in chain tension is normal when garage door is closed.
EXTENSION SPRING OR TORSION SPRING
DOOR CENTER
HEADER WALL
SAFETY REVERSING SENSORS
Floor must be level across width of door.

Always check the condition and balance of the garage door before installing a new opener.

- If a GDO is installed with the door closed, pull the emergency release cord to disconnect the trolley from the rail.
- Raise the door to waist height and let go.
- The door should remain at waist level. If the door crashes to the ground or flies up to the open position, the door needs to be properly adjusted. The door must be corrected before the new garage door opener is installed.

How much room do I need to put in a Craftsman® Garage Door Opener?

You must have a 2" (A) clearance for chain/cable and belt drives from the door's highest arc point (B) to the ceiling to be able to install a Craftsman® opener. In the case of sectional doors where there is less than 2" clearance, door clearance brackets (18785) will solve the problem.


Plafond
Ferrure de linteau
A
Min. 2 po
Rail
B
Point le plus élevé de la course
Porte
S'il n'y a pas un dégagement suffisant au-dessus de la porte, il vous faudra peut-être un ensemble de ferrures pour faible dégagement

A. Horizontal and vertical reinforcement may be needed for lightweight garage doors.

B. Slack in chain tension is normal when garage door is closed.

INSTALLATION QUESTIONS THAT MUST BE ANSWERED

Is the garage door the only entrance into the garage?

If the answer is yes, you will need:
#18752 emergency release and an extra remote control for the house

Is the garage door over 7-1/2' tall?

If the answer is yes, you will need:
#18828 (8') or 18840 (10') rail extension available for chain/cable drive only
#18867 (8') or 18870 (10') rail extension available for belt drive only
#18477 1/2 HP Belt Drive Garage Door Opener with 8-ft. rail extension

Is the high arc of door within 2" of ceiling?

If the answer is yes, you will need:
#18785 door clearance brackets

Can I change the timer for the light(s) on the opener?

Yes, only if a premium control console is in use. The time period is pre-set for 4.5 min. There are 4 settings. To change the settings, press and hold the Lock Button until the light/s blink (about 10 seconds). A single blink indicates the timer is set for 1.5 minutes. Repeat the procedure and the light will blink twice, resetting the time to 2.5 minutes. Repeat the process for 3.5 and 4.5 minute settings.

When my door is up, the light of the opener does not go out. What is wrong?

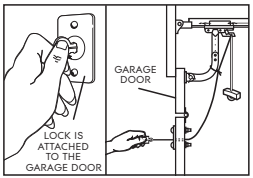
A safety feature is built into the logic system of the opener. This feature allows the light of the opener to turn ON when the IR beam is broken, only when the door is up. This will allow safe passage through the garage. This feature is always ON in the opener. To turn this feature OFF, with the opener light ON, press and hold the light button for 10 seconds, until the light turns ON and OFF again. To restore this feature, start with the opener light ON, then press and hold the light button for 10 seconds until the light goes OFF and then ON again.

Can I set a temporary password on my keyless entry system?

Only if you have a Security+® opener. To set a temporary password, enter your 4-digit pass code, then press (*). The opener work light will flash 3 times. Enter the temporary 4-digit password, then press enter. The opener light will flash 4 times. Decide to set the temporary pass code for either number of hours or openings. To set number of hours, enter the number of hours (up to 255), then press (*). To set for number of openings, enter the number of openings/closings (up to 255), then press (#). Once the temporary code has been used up, the number of hours or cycles, the opener will not respond to the code to open the door. BUT the last temporary code entered will always close the door.

Finished Ceiling
Support bracket and fastening hardware are required.

Power Source
A 3-prong grounded outlet must be within 3 feet of the motor.

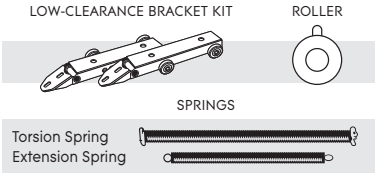


Access Door
If you don't have an access door you will need an emergency key release.

Key Release (18752)

Safety Reversing Sensor
The photo-eyes are located on either side of the door. This area as well as the center of the garage will need to be accessible to allow for the installation of the garage door opener.

Maintenance Parts
Normal installation will take care of lubrication and tightening bolts. But if a spring, roller or hinge is damaged or broken, it will need to be replaced before the opener can work properly. If you don't have the required headroom, a low-clearance bracket kit may help.



THE BENEFITS OF SEARS INSTALLATION
- Fast, hassle-free installation
- No tax on merchandise (varies by province)
- Reduced delivery charges in many cases
- Merchandise is professionally installed by someone who specializes in garage door openers
- The installer is insured (and licensed where necessary)
- The installer can answer all your questions
- One-year warranty on installation
- Sears stands behind the entire job

Approved Professional Installers
Local Installer:

Name_____

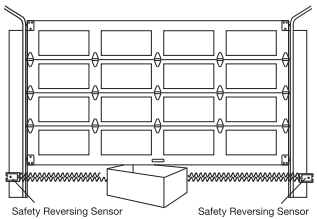
Address _____

Phone _____

SAFETY SYSTEMS
Non-Contact Safety System Test
- Press remote control push button to open door.
- Place opener carton in the path of the door.
- Press remote control push button to close the door. The door should not move more than an inch, and the opener light will flash, indicating an obstruction.

The garage door opener will not close from a remote control if the indicator light in either sensor is off (alerting you the sensors are misaligned or obstructed).

The garage door can be closed by pressing and holding the wall control push bar or button until down travel is completed.



Professional service is required if the opener closes the door when the safety reversing sensor is obstructed

Contact Reversing System Test

1. Place a 2x4 laid flat on the floor, centered under the garage door.
2. Operate door in the down direction. The door must reverse on striking the obstruction.

Adjustment

If door stops on the obstruction, the travel limit is not set far enough in the DOWN direction.

3. Increase the DOWN limit by turning the DOWN limit adjustment screw counter-clockwise 1/4 turn.
4. Repeat the test.
5. When door reverses on the 2x4, remove the obstruction and run opener through 1 or 2 complete travel cycles to test adjustment.
6. If the door now reverses upon contact with the floor, the travel limit is set too far down. Turn the DOWN limit screw clockwise slightly.
7. Repeat test steps 1-5.

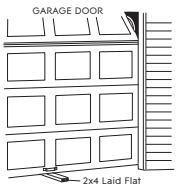
If the door will not reverse after repeated adjustment attempts, call for professional garage door service.

On a sectional door, make sure limit adjustments do not force the door arm beyond a straight up and down position.

Important Safety Reminder

Repeat Adjustment Steps 1, 2 and 5 after:

- Each adjustment of door arm length, force controls or limit controls.
- Any repair to or adjustment of the garage door (including springs and hardware).
- Any repair to or buckling of the garage floor.
- Any repair to or adjustment of the opener.



INSTALLATION QUESTIONS

Can I install this myself?

Yes. Instructions and all necessary materials for a standard installation are in the carton. All you need are household tools. Time – up to 5 hours: 2 hours reading, 3 hours working.

Will it handle a heavy door?

Yes. Any door made of wood, steel or fiberglass up to 18 feet wide and 10 feet high. But, of course, the door has to be in good working condition and properly balanced because the opener only assists the door springs in opening and closing the garage door.

How much headroom do I need to put in a Craftsman® Garage Door Opener?

To install a Craftsman® chain/cable or belt drive opener, you must have 2 inches clearance from the door's highest arc point to the ceiling. The competition requires 4 inches of clearance.
See page 30.

In the case of sectional doors where there is less than 2 inches clearance, door clearance brackets (18785) will solve the problem. (Door clearance brackets will not work with double track hardware.)

What is the biggest problem with installation?

The most critical issue in most installations is the condition of the door. The garage door must be properly balanced and adjusted for smooth operation. The door must also be reinforced both vertically and horizontally for normal operation.

Can I use an extension cord with my garage door opener?

No. A 3-prong grounded electrical outlet must be available to accept the garage door opener plug directly.

If I have twin garage doors, do I need separate operators?

Yes. You will need an opener for each door.

Will I need an extension kit?

Only if the garage door exceeds 7.5 feet in height.

THE CRAFTSMAN® WARRANTY

Full 1-Year Warranty on Garage Door Openers

For 1 year from the date of purchase, Sears will repair this garage door opener free of charge if defective in material or workmanship.

Limited Warranty on 1/2 HP Motor (6-year)

After 1 year and through 6 years, if the motor on the garage door opener is defective, Sears will furnish a replacement motor free of charge.
You pay the labour. (Chain drive models only)

Limited Warranty on 1/2 HP Motor (10-year) Belt Model 18405, 18477

Lifetime Warranty on Belt, Model 18405, 18489, 18477

Limited Warranty on 3/4 HP Motor (10-year), Model 18455 & 18489

Limitation on Liability

SEARS WILL NOT BE LIABLE FOR LOSS OR DAMAGE TO PROPERTY OR ANY INCIDENTAL OR CONSEQUENTIAL LOSS OR EXPENSE FROM PROPERTY DAMAGE DUE DIRECTLY OR INCIDENTALLY FROM THE USE OF THIS PRODUCT. Some provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

THIS WARRANTY DOES NOT COVER LIGHT BULBS or repair parts necessary because of operator abuse or negligence, including the failure to install, adjust and operate this garage door opener according to the instructions contained in the owner's manual.

WARRANTY SERVICE IS AVAILABLE BY SIMPLY CONTACTING THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN CANADA. This warranty applies only while the product is in use in Canada. This warranty gives you specific legal rights, and you may also have other rights, which vary from province to province.

These products also qualify for the Sears Protection Agreement.
Sears Canada Inc.
Toronto, ON M5B 2B8
Canada

SEARS REPAIR AGREEMENT

Comfort in knowing you are covered with a Repair Agreement should you have any repair issues with your Craftsmen product.

Put your comfort and safety in the hands you trust with Sears.

For details or call 1-800-361-6665.

Your Craftsman manufacturer warranty has a 1 Year term. Sears offers 3 and 5 year Repair plans that provides comfort in knowing your protection continues as the product ages. The 3 year plan for .10 per day can offer you trust that you are protected if something should go wrong.

Repair Agreement Coverage – PA Craftsman Manufacturer Warranty – W	Years of Ownership 1	2	3	4	5
1. Payback Feature Coupon.	RA	RA	RA	RA	RA
2. Parts required due to defects in materials or workmanship.	W W	RA RA	RA RA	RA RA	RA RA
3. Service by certified technician required due to defects in materials or workmanship.	W	RA	RA	RA	RA
4. Most parts & service required for proper operation not covered by the warranty.	W	RA	RA	RA	RA
6. Service Call Centre available at 1-800-361-6665.	RA	RA	RA	RA	RA
6. Transferability.	RA	RA	RA	RA	RA

Repair Agreement covers parts and service not covered by Warranty.

PROTECTION AGREEMENT COVERAGE

- Most parts and labour charges
- Customer instruction if required at time of service
- Adjustments including door force and limits
- Repairs due to manufacturer's defects
- One-time remote control replacement

Trip charges vary by region and are subject to change without prior notice.

EXCLUSIONS

- Cosmetic parts and non-functional parts
- Expenses related to correction of improperly installed units (e.g. outlets, brackets)
- Repairs due to operator misuse or failure to maintain the equipment according to owner's manual instructions
- Housing replacement unless safe operation is compromised
- Installation is not covered
- Expendable items – e.g. batteries

ANNUAL MAINTENANCE CHECK

- Lubricate T-rail and wormgear/helical gear as required to ensure smooth travel for easy garage door movement
- Check emergency door release to ensure proper operation in case of power failure or malfunction
- Check and adjust up and down force and lift tension
- Test safety reverse system and adjust as required
- Check and adjust chain/belt and cable tension to provide quiet operation

REMOTE CONTROL PROGRAMMING

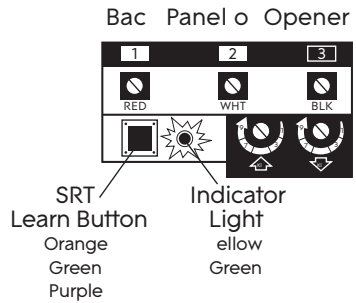
Which Remote Do You Have?

Billion Code remote controls feature gray buttons. Keyless Entry units do not include * and # keys on the keypad.

Security+® remote controls feature blue or black buttons. Keyless Entry units do include * and # keys on the keypad.

To Erase All Remote Controls

Press and hold the SRT button on the back panel of the garage door opener (see diagram) until the indicator light turns off (about 6 seconds). All remote controls and keyless entry codes are now erased. Follow the steps below to re-program each remote control and keyless entry.



To Program a Remote Control

(Billion Code and Security+® only)

1. Press and hold the remote control button you wish to operate that garage door.
2. Press and release the SRT button on the back panel of the garage door opener. The indicator light on the panel will begin to blink and the opener work light will flash once.
3. Release the remote control button. Test by pressing the remote control button just programmed.

REMOTE CONTROLS (TRANSMITTERS)

Advantages

Each garage door opener comes with at least one computer-programmed remote control. Whether you have a single-function or a 3-function remote control, the advanced security code system is state of the art. No one has your code.

Billion Code:

Remote controls are pre-programmed at the factory by computer to totally eliminate code duplication with over 3.5-billion codes to choose from.

Rolling Code:

Security+® feature gives the customer maximum security with over 100-billion codes to choose from. When the remote and opener are programmed to each other, a sequence of code rolling is established. When the remote is activated and the door opens, both remote and opener will roll to the next code at the same time. Results in ultimate security.

Each remote has its own receiver location, which is much like a separate parking spot. Only when that remote, which is assigned to that parking spot, is activated, will that remote and parking spot roll to the next code. Any other remote programmed to the receiver will not affect other receiver locations or parking spots.

Code Storage Capabilities

All current Craftsman® Billion Code receivers have the capability of storing 1 wireless keyless entry code and 12 computer-programmed remote control codes. Models with Blue force control shafts will have the capability of storing 8 computer-programmed remote control codes.

Every 18000/18400 series garage door opener (with SRT button) has been factory-set to operate when you press the large push button of the remote control. The additional push buttons on a 3-function remote control can also activate other garage door openers.

The following pages will explain coding of the various remote controls with garage door openers.

To Program a Keyless Entry System

(Billion Code and Security+® only)

1. Press and release the SRT button on the back panel of the opener.
2. Enter the 4-digit code.
3. Press ENTER.
4. The work light(s) will flash one time, which means the code has been accepted.
5. Keyless Entry Systems can operate more than one garage door. Each GDO must have a different 4-digit code programmed.

Important Tip: If your remote control has been lost or stolen, always erase the memory and re-program the existing remote controls and keyless entry. This ensures that the lost remote cannot be used on your opener.

ADDITIONAL/REPLACEMENT REMOTE CONTROLS

ORIGINAL REMOTE CONTROLS

Physical Description	Red Light 390 MHz	Green Light 390 MHz	No Light 390 MHz	Blue Button 390 MHz	Black Button 315 MHz
Number of Codes	19,683	3.5 Billion	3.5 Billion	100 Billion Rolling Codes	100 Billion Rolling Codes
Year Manufactured	1979-1993	1993-1996	1996-Present	1997-Present	2005-Present
Item Numbers	18778 18779	18305 18306 18307 18777	18759 18760 18761	18790 18791 18792	18190 18191 18192
Compatible	18778 18779	18759 18760 18761 18778 18779	18759 18760 18761 18778 18779	18790 18791 18792	18190 18191 18192

Security+® Universal Remote Control Conversion Kits Item Number 18796 Ideal for:

1. Owners of Craftsman® garage door openers manufactured before 1990 who need additional remote controls.
2. Owners of Craftsman® or any other brand garage door opener who wish to add the advantage of Security+® rolling code technology to their home.

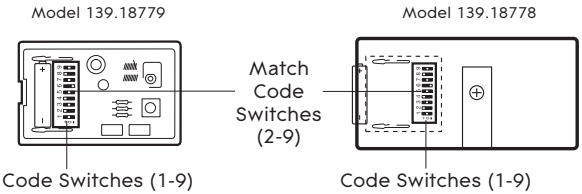
All Craftsman® Remote Controls can operate up to 3 Garage Door Openers

DIP-SWITCH CODING (19,683 CODES) FOR GARAGE DOOR OPENERS

Match/Change the Code in New and Existing Remote Controls (Set Code Switches in All Remote Controls to Matching Positions)

For remote controls used with an existing 3-Function Standard Remote Control Model 139.18778 or 3-Function Mini Remote Control Model 139.18779 to operate the same receiver(s), proceed as follows: Locate the code switches in the 3-Function Mini Remote Control by removing the case screw. Be careful not to move circuit board components.

On the 3-Function Standard Remote Control, slide the battery compartment cover back. Place remote controls side by side as shown below.
With a pen or screwdriver, set code switches in your new remote control to the same positions as in the original remote control.



SET RECEIVER TO LEARN OR MATCH REMOTE CONTROL(S) CODE

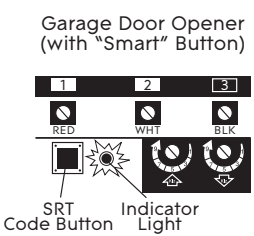
Garage Door Openers (with Receiver "SR" Button)

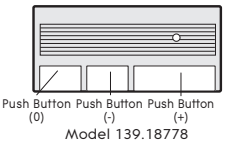
Make sure all remote controls are set to matching code switch positions as described above.

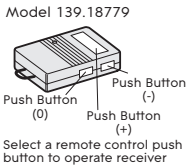
1. Select a remote control push button to operate the door opener. Press and HOLD the selected push button.
2. Then press and release the red "SR" button on the opener panel. The opener light will flash once. Release the remote control push button.

The receiver has accepted the remote control code and the opener will now operate the selected push button. NOTE: If remote control push button is not held down until the door moves, the receiver has not accepted the code.

To use the Remote Control(s) with Other "SR" Button Receivers: Select another remote control push button to operate an additional garage door opener. Make sure all remote controls used to operate receiver are set to same code. Repeat Steps 1 and 2.







SPECIAL PROGRAMMING FOR SECURITY+® MODELS ONLY

To Program a Remote Control Using a Premium Control Console

Be sure to follow this exact sequence:

1. With the garage door closed, press and hold the remote control button you wish to operate that garage door.
2. Press and hold the light button, then the door control button on the Premium Control Console.
3. After the garage opener work light flashes, release all buttons. Test by pressing the remote control button just programmed.

To Program the Opener Work Light Using a Remote Control Through the Premium Control Console

One of the buttons on the remote control can be programmed to only operate the work light(s) without operating the garage door opener.

1. With the garage door closed, press and hold the remote control button you wish to operate the work light.
2. Press and hold the light button, then the lock button on the Premium Control Console.
3. After the garage opener work light flashes, release all buttons. Test by pressing the remote control button just programmed. The work light should turn on and off but the garage door should not move.

To Program Light Timer Using a Premium Control Console or Motion-Detecting Control Console

The Light Timer feature is pre-set to turn the opener light on for 4-1/2 minutes when the opener is activated. The timer interval can be changed to 1-1/2, 2-1/2, 3-1/2 or 4-1/2 minutes as follows:

1. Press and hold the lock button until the lights blink (about 10 seconds).
2. A single blink indicates the timer is reset to 1-1/2 minutes.
3. Repeat the procedure and the light will blink twice, resetting the timer to 2-1/2 minutes.
4. Repeat again for a 3-1/2 minute interval or repeat once more for a 4-1/2 minute setting.

To Program a Keyless Entry Through the Premium Control Console

Programming the 4-digit entry code:

1. With the garage door closed, press the 4-digit code for the password, then press and hold the enter button.
2. Press and hold the light button, then the door control button on the Premium Control Console.
3. After the garage opener work light flashes, release all buttons.
   OR
4. The unit can also operate more than one garage door. Each GDO must have a different 4-digit code programmed.

Programming a Temporary Password:

1. Enter your personal 4-digit password, then press (*). The opener work light(s) will flash 3 times.
2. Enter the temporary 4-digit password, then press ENTER. The opener work light(s) will flash 4 times. Next, decide to set the password for either number of hours or number of openings.
   a. To set the number of hours, enter the number of hours (up to 255), then press (*).
   b. To set the number of openings, enter the number of openings/closings (up to 255), then press (#).

To Change a Keyless Entry Password

1. Enter the current password, then press (#).
2. Now enter the new password and press ENTER.

REMOTE CONTROL PROGRAMMING

HOMELINK® COMPATIBLE

HomeLink® is the universal remote control system that comes standard in many new cars and trucks. It is compatible with both Billion Code and Security+® systems.

Programming

Once programmed, the HomeLink® system and the original remote control may be used to activate the garage door opener. For programming questions, call toll-free: 1-800-355-3515. NOTE: For best results, replace the battery in the hand-held remote control with a fresh battery before programming. If your garage door opener receiver is equipped with an antenna, make sure it is hanging straight down.

1. For first-time programming, press and hold the two outside buttons until the indicator light begins to flash (after 20 seconds). Release both buttons. NOTE: Some vehicles may require the ignition switch to be turned to the second (or "accessory") position during the programming sequence.
2. Hold the end of your hand-held remote between 1 and 3 inches away from the HomeLink® surface, keeping the indicator light in view.
3. Using both hands, simultaneously push the hand-held remote button and the desired HomeLink® button. *Do not release the buttons until after step 4.*
4. Hold down both buttons until the indicator light on the HomeLink® panel flashes, first slowly, then rapidly. When the indicator light flashes rapidly, both buttons may be released. To activate the garage door or other programmed device press and hold the HomeLink® button until the device begins to activate.
5. To program the remaining buttons, follow steps 2 - 4.

Security+® Programming

Four ways to determine if your opener has Security+® technology:

1. Reference the owner's manual for verification.
2. Your Craftsman® remote control has blue buttons.
3. The hand-held remote appears to program the HomeLink® but does not activate the garage door opener.
4. Press and hold the trained HomeLink® button. Your opener has Security+® technology if the indicator light flashes rapidly and then stays lit after two seconds.

To program an opener with Security+® technology, follow these instructions: NOTE: The aid of a second person will make the process quicker and easier.

1. Locate the SRT or "training" button on the back panel of the opener. Press the button, the training light will come on.
2. Within 30 seconds of pressing the training button, firmly press and release the HomeLink® button of choice. Press and release this button a second time to complete the training process. (Some garage door openers may require you to do this a third time to complete the process.)
3. To program the remaining buttons, follow steps 1 and 2.

Re-programming a Single HomeLink® Button

1. Press and hold the desired HomeLink® button. *Do not release the button until after step 4.*
2. When the indicator light begins to flash slowly (after 20 seconds), position the hand-held remote 1 to 3 inches away from the HomeLink® surface.
3. Press and hold the hand-held remote button; the HomeLink® indicator light will flash, first slowly and then rapidly.
4. When the indicator light flashes rapidly, both buttons may be released.

The previous device has now been erased and the new device can be activated by pushing the HomeLink® button that has just been programmed. This procedure will not affect any other programmed HomeLink® buttons.

Erasing Channels

To erase all three programmed buttons:

1. Press and hold the two outside buttons until the indicator light begins to flash (after 20 seconds).
2. Release both buttons.

The HomeLink® system is now in the training mode and can be programmed at any time following steps 2 - 4 in the Programming Section.

HOMELINK® COMPATIBLE

FREQUENTLY ASKED QUESTIONS

What happens if I leave something under the door? Every Craftsman® opener manufactured after December 1992 includes a safety reversing sensor that must be installed and working properly for the opener to function. The sensor emits an infrared beam that, if broken, causes a closing door to stop and safely reverse to full open position.

Can I stop the door while it's moving?

Yes. All models can be stopped at any point while opening with a touch of the remote control button or control console. However, if the remote control is pushed while the door is closing, the door will reverse and open fully.

Can the door be operated by hand if the power fails?

Yes. Pull the emergency release cord on the trolley and you can operate the door by hand. When power is restored and the trolley lockout released, a push of the button will reconnect the trolley; no tools are required.

If having a problem closing the garage door, what should I check?

Check for obstructions of the door or misalignment of the safety reversing sensor. If something is breaking the safety reversing sensor's beam, the door will not close and the lights on the power unit will flash 10 times. Next, check the battery in your remote control. If your control console has a lockout switch be sure it is not activated by checking for the flashing lighted push bar.

What if I have to be right up to the door for my remote control to operate the door?

Check the battery and replace if old. If the battery is OK, a steel garage door or aluminum siding may be interfering with the remote control signal. An antenna range extension kit may be required to overcome this interference. Contact your local service department.
Part #41A3504

What if the remote control won't work from inside the car?

Again, check the battery in your remote control. A weak battery creates a weak signal that is blocked by the metallic content in windshields on some new cars.

Why does the light(s) on my garage door opener always stay on with the door open?

This symptom could be the result of a) activating the manual light switch on the premium control console, b) continuous breaking of the infrared sensor beam with the door open.

To turn this feature OFF, with the opener lights ON, press and hold the light button for 10 seconds, until the light turns ON and OFF again. To restore this feature, start with the opener light ON, then press and hold the light button for 10 seconds until the light goes OFF and then ON again.

How safe are garage door openers?

Very safe. In fact, every Craftsman® opener has a three-stage safety system: The first is a non-contact, infrared system that is mounted inside the garage, 4" to 6" from the floor. The system will cause a closing door to reverse, without touching the object, when the infrared beam is obstructed. The second stage is a contact reversing system which will reverse a closing door if the door makes contact with an object, or stop if the door is opening. Finally, a cycle completion system causes the door to open completely (within 30 seconds) if the down limit or the reversing system were to fail.

Will it handle a heavy door?

Yes. Any door made of wood, steel or fiberglass and up to 18 feet wide and 10 feet high. But, of course, the door has to be in good working condition and properly balanced because the opener only assists door springs in opening and closing.

SPECIFICATIONS

	18477 18489 Belt	18458 Chain	18570 Chain	18453 18473 Chain	18452 Chain	18455 Chain	18405 Belt
MOTOR							
TYPE	YES	YES	YES	YES	YES	YES	NO
SPEED	1750	1750	1750	1750	1750	1750	5670
VOLTS	YES	YES	YES	YES	YES	YES	12V
CURRENT	4.5	4.5	4.5	4.5	4.5	4.5	4.5
MVIS®	YES	NO	NO	NO	NO	YES	YES
SAFETY							
REVERSAL	YES	YES	YES	YES	YES	YES	YES
	YES	YES	YES	YES	YES	YES	YES
	YES	YES	YES	YES	YES	YES	YES
	YES	YES	YES	YES	YES	YES	YES
	YES	YES	YES	YES	YES	YES	YES
	YES	YES	YES	YES	YES	YES	YES
ELECTRICAL	YES	YES	YES	YES	YES	YES	YES
DRIVE MECHANISM							
GEAR	YES	YES	YES	YES	YES	YES	YES
DRIVE	Belt	Chain/ Cable	Chain/ Cable	Chain/ Cable	Chain/ Cable	Chain/ Cable	Belt
LUBRICATION	YES	YES	YES	YES	YES	YES	YES
LENGTH OF TRAVEL	YES	YES	YES	YES	YES	YES	YES
LIMIT DEVICE	YES	YES	YES	YES	YES	YES	YES
TRAVEL RATE	8.5	7.5	9.0	7.5	7.5	9.0	8.5
DOOR LINKAGE	YES	YES	YES	YES	YES	YES	YES
DIMENSIONS							
OVERALL LENGTH	137.0 125.5	125.5	128.5	125.5	125.5	125.5	125.5
HEADROOM REQUIRED	2	2	2	2	2	2	2

MOTOR	
TYPE	Permanent Split Capacitor
SPEED	RPM - No Load
VOLTS	120 VAC - 60 Hz
CURRENT	4.5 Amps
MVIS®	Rubber Mounted Motor Vibration Isolation System
SAFETY	
REVERSAL	Push Button & Auto Reversal in Down Direction
	Push Button & Auto Stop in Up Direction
	Independent Up & Down Force Adjustments
	Safety Reversing Sensor
	Remote Control Reversal
	Cycle Completion Monitor
ELECTRICAL	Motor Overload Protector & Low Voltage Push Button
DRIVE MECHANISM	
GEAR	16:1 Wormgear Reduction
DRIVE	Methods of Opening Door
LUBRICATION	Motor Self-Lubricated, Bronze Oiltight Bearings on Drive Shaft
LENGTH OF TRAVEL	Will Open 7.5 Foot Door
LIMIT DEVICE	Independent Up & Down External Adjustment
TRAVEL RATE	Inches per Second
DOOR LINKAGE	Adjustable Door Arm, Emergency Pull Cord Trolley Release
DIMENSIONS	
OVERALL LENGTH	In Inches (head and rail included)
HEADROOM REQUIRED	In Inches

GLOSSARY OF TERMS

Belt Drive – Drive system used in Craftsman® Garage Door Openers where a motor causes a belt to open/close a garage door quietly.

Billion Code Technology – Remote controls are pre-programmed at the factory to totally eliminate code duplication with 3.5 billion codes.

Chain/Cable Drive – Drive system used in Craftsman® Garage Door Openers where a motor causes a chain to open/close garage door.

Control Console(s) – Wired to GDO. Opens doors, controls lights (optional), locks out radio signals (optional), and indicates time, temperature and system diagnostic messages (optional). Mounts on garage wall.

DIP Switch – Multiple position code switch found in competitors' remote controls and receivers and previous Craftsman® models. Provides coded transmitted signal.

Door Arm – Steel bar that connects trolley to garage door.

Electronic Force Controls – Electronic controls that set the amount of force used to open and close a garage door. The up and down forces are set independently.

Limit Switches – The limit switches are set to tell the opener how far it must travel to open and close the garage door.

Motor Vibration Isolation System (MVIS®) – Motor is mounted on neoprene rubber isolators that cushion metal-to-metal contact.

One Inch Reversal Test – Test of opener's back-up safety systems where garage door must reverse on a 1 inch obstruction laid on the floor under the door.

Power Unit/Receiver – Located near the ceiling in garage, contains radio receiver, related electronics and motor to open door.

Remote Control – Hand-held device that activates opener through a radio signal it sends to power unit/receiver.

Safety Reversing Sensor – An infrared device that mounts inside the garage on each side of the garage door. If the invisible infrared beam is broken by an obstruction when the door is moving in a downward direction, the door safely stops, then reverses before making contact.

Security+® with Rolling Code – Every time the remote control is activated, the remote and the opener change or roll to a new code, one of 100 billion codes.

Smart Button/Smart Receiver – Replaced DIP switch in Craftsman® power unit/receiver in 1990 and continues in use. Puts receiver in learn or program mode.

Smart Button Control – Craftsman® remote control with green battery light (or no light at all) has computer programmed coding that totally eliminates code duplication.

SRT – Craftsman® terminology for Smart Receiver and Remote Control.

SSR – New structural steel rail system.

T-Rail – Steel rail that trolley slides on and bears load when door is opened or closed.

Trolley – Travels on T-Rail and connects opener to door arm. Trolley can be disconnected during power failure to allow for manual operation of garage door.

UL 325 – Underwriters Laboratories standard governing GDO safety reversing requirements. All Craftsman® Garage Door Openers comply with UL safety standards.

CRAFTSMAN® GARAGE DOOR OPENER SUPPORT PHONE NUMBERS

For Installation, Service or Parts Call: 1-800-4-MYHOME (1-800-469-4663)

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